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Textile Organon

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MONTHLY REVIEW

Highlights

Total Shipments of Noncellulosic Staple+Tow Fell ½% in 1984 . . . see page 16.

Total Shipments of Noncellulosic Yarn+Monofilaments fell 2% in 1984 . . . see page 16.

Total Shipments of Nylon Carpet Yarn Rose 4% in 1984 . . . see page 16.

Textile Organon Features:

Capacity Utilization Review . . . begins on page 4.
Import Update . . . begins on page 10.
Annual Shipment Summary . . . begins on page 16.

A record was set in December as more pounds of olefin yarn+monofilaments were shipped than in any other month in history.

December shipments of nylon carpet yarn fell to the lowest level since July, while shipments of nylon textile yarn fell to the lowest level of the year.

Shipments in December of polyester textile yarn fell to the lowest level in nearly half a year, while shipments of nylon industrial yarn fell to the lowest level of the year.

Acrylic+modacrylic staple+tow shipments rose, although staple+tow shipments of nylon, polyester and olefin+vinyon fell in December.

(See Annual Shipment Summary on page 16).

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & PERCENT

ITEM	1984 DEC	1984 NOV	% [a]	1983 DEC	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	12.2	13.6	-10.3	17.9	-31.8	198.3	235.8	-12.2
NYLON[d] - INDUSTRIAL	31.0	33.1	-6.3	27.4	+13.1	375.1	318.1	+17.9
- LOW DENIER INDUSTRIAL	2.2	2.9	-24.1	4.2	-47.6	34.0	35.5	-4.2
- CARPET	62.6	63.5	-1.4	69.9	-10.4	794.9	762.6	+4.2
- TEXTILE	24.1	30.2	-20.2	30.9	-22.0	353.0	381.4	-7.4
POLYESTER - INDUSTRIAL	22.4	25.0	-10.4	24.8	-9.7	313.1	307.6	+1.8
- LOW DENIER INDUSTRIAL	3.3	1.5	+120.0	2.1	+57.1	24.8	26.0	-4.6
- TEXTILE	69.4	76.3	-9.0	97.8	-25.2	880.2	1027.1	-16.2
OLEFIN	74.0	73.3	+0.9	65.5	+13.0	743.7	714.2	+4.1
TOTAL NONCELLULOSIC ABOVE	**289.0**	**305.8**	**-5.5**	**317.6**	**-9.0**	**3496.0**	**3572.5**	**-2.1**
STAPLE+TOW+FIBERFILL								
RAYON	25.7	30.9	-16.8	32.3	-20.4	384.0	377.4	+1.7
NYLON[d]	61.7	65.7	-6.1	68.8	-10.3	831.3	911.2	-8.8
ACRYLIC+MODACRYLIC	50.5	49.4	+2.2	50.6	-0.2	696.2	684.7	+1.7
POLYESTER	182.7	191.6	-4.6	187.0	-2.3	2192.4	2197.8	-0.2
OLEFIN+VINYON	20.7	21.5	-3.7	19.6	+5.6	246.7	189.7	+30.0
TOTAL NONCELLULOSIC ABOVE	**315.8**	**328.2**	**-3.8**	**326.0**	**-3.2**	**3936.6**	**3963.4**	**-0.4**

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

JANUARY, 1985

A MONTHLY REVIEW

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DATAGRAM

Imports surge--

Based on third quarter 1984 results, import penetration of the U.S. apparel market rose to 50.9%, up from 41.4% in the second quarter. During third quarter 1983, imports claimed a 38.4% share of the market.

Between second and third quarters, imports rose 23½%, as available supply rose by just ½%.

Domestic output of fiber and fabric fell dramatically during the quarter.

More specifically--

- Cotton fabric shipments from U.S. mills seriously eroded in the third quarter, falling over 11% from second quarter 1984.
- Man-made fiber domestic shipments fell over 15%.
- Woolen fabric from U.S. mills fell 34½% in the third quarter.

Yet in the face of declining domestic output, imports into the apparel market surged--

- Cotton imports grew by 20%, and
- Man-made fiber imports grew by 21%, and
- Imports of woolen textiles rose over 86%.

What's driving imports higher? Garments.

During the third quarter, garment imports totaled 491 million pounds, or just over 66% of all textile imports into the apparel market. This compares to second quarter, when garment imports total 356 million pounds and accounted for 59% of all textile imports into the apparel market.

U.S. noncellulosic utilization rates drop

Based on year-end production data and November 1984 Capacity Survey results, the capacity utilization rate in 1984 for noncellulosic fiber declined to 79%, down from the 1983 rate of 80.4%.

Certain products performed well, whereas others struggled.

Examples of higher capacity utilization rates in 1984--

- Nylon Carpet Yarn posted an 86.8% utilization rate, compared to 85.2% in 1983.
- Nylon Industrial Yarn jumped to an 86.7% rate in 1984, up from 71.6% in 1983.
- Polyester Industrial Yarn rose to 92.4% for 1984, compared with a utilization rate of 88.7% in 1983.

But these products did not fair as well--

- Polyester Textile Yarn posted a 76.1% utilization rate, down from 90.6% in 1983, and
- Nylon Staple fell to a rate of 79.2%, down from the 1983 utilization rate of 91.0%

Capacity Utilization Review

Editor's Note — *Where 1983 proved to be a strong recovery year in terms of capacity utilization, 1984 showed signs of a modest decline. In 1983, noncellulosic fibers maintained a capacity utilization rate of just over 80%, but in 1984 these fibers registered a rate just over 79%.*

Although noncellulosic fiber production fell by almost 1% from 1983 to 1984, noncellulosic fiber capacity grew by 1%, the largest single-year increase since 1979

During the period covered in this ***Feature****, 1970-1984, several significant trends surfaced, such as the continued steady growth of glass fiber production from 1970 (an increase of 150% by 1983) and the dramatic reversal of cellulosic fibers from three consecutive years of declining production to an increase of nearly 8% in 1983.*

It should be stressed that since 1970, growth in noncellulosic fiber capacity has fallen; from a high of 18% growth in 1972, to the marginal growth in 1984 of 1%. However, capacity utilization rates remained relatively stable at the 70%-80% range.

Six tables and one graph comprise the data base for this report: Review of Production, Producing Capacity & Capacity Utilization; Summary of Annual Production (1970-1984); Production of Noncellulosic, Cellulosic & Glass Fibers as a Percentage of Total Man-Made Fiber Production; Summary of Producing Capacities (1970-1984); Producing Capacity of Noncellulosic, Cellulosic & Glass Fibers as a Percentage of Total Man-Made Fiber Capacity; and Summary of Capacity Utilization Rates (1970-1984).

Review of Production, Producing Capacity & Capacity Utilization ties the three major components of this report- production, producing apacity & capacity utilization- into one table for easy reference and comprehension. The page opposite depicts this summary graphically.

For the purpose of the report, **November** Textile Economics Bureau capacity survey data are used as the annual capacity figures.

The tables on pages 7 and 8 present the capacity data for 1970-1984.

In similar fashion, the tables on pages 6 and 7 list the production data for the same period.

The table on page 9 gives the capacity utilization rates by individual as well as generic fiber type.

TABLE 2: REVIEW OF PRODUCTION, PRODUCING CAPACITY & CAPACITY UTILIZATION

MILLION POUNDS & Percent

FIBER TYPE	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
NONCELLULOSIC														
PRODUCTION	4,283	5,346	6,297	6,212	5,875	6,615	7,312	7,768	8,418	7,874	7,982	6,442	7,534	7,473
CAPACITY	5,397	6,376	7,022	7,756	8,420	9,116	9,352	9,555	9,784	9,627	9,696	9,334	9,367	9,460
UTILIZATION (%)	*79.4*	*83.8*	*89.7*	*80.1*	*69.8*	*72.6*	*78.2*	*81.3*	*86.0*	*81.8*	*82.3*	*69.0*	*80.4*	*79.0*
CELLULOSIC														
PRODUCTION	1,391	1,394	1,357	1,199	749	841	888	905	930	806	770	584	630	NA
CAPACITY	1,615	1,513	1,493	1,373	1,239	1,193	1,063	1,086	1,109	909	898	895	845	845
UTILIZATION (%)	*86.1*	*92.1*	*90.9*	*87.3*	*60.5*	*70.5*	*83.5*	*83.3*	*83.9*	*88.7*	*85.7*	*65.2*	*74.5*	*NA*
GLASS FIBER														
PRODUCTION	468	572	688	683	547	676	787	923	1,014	867	1,041	899	1,169	NA
CAPACITY	696	721	737	821	909	893	1,002	1,118	1,305	1,473	1,561	1,718	1,618	1,743
UTILIZATION (%)	*67.2*	*79.3*	*93.3*	*83.2*	*60.2*	*75.7*	*78.5*	*82.6*	*77.7*	*58.9*	*66.7*	*52.3*	*72.2*	*NA*
TOTAL MAN-MADE FIBERS (incl. Glass)														
PRODUCTION	6,142	7,312	8,342	8,094	7,171	8,132	8,987	9,596	10,362	9,547	9,793	7,925	9,333	NA
CAPACITY	7,708	8,610	9,252	9,950	10,568	11,202	11,417	11,759	12,198	12,009	12,155	11,947	11,830	12,048
UTILIZATION (%)	*79.7*	*84.9*	*90.2*	*81.3*	*67.9*	*72.6*	*78.7*	*81.6*	*84.9*	*79.5*	*80.6*	*66.3*	*78.9*	*NA*
TOTAL MAN-MADE FIBERS (excl. Glass)														
PRODUCTION	5,674	6,740	7,654	7,411	6,624	7,456	8,200	8,673	9,348	8,680	8,752	7,026	8,164	NA
CAPACITY	7,012	7,889	8,515	9,129	9,659	10,309	10,415	10,641	10,893	10,536	10,594	10,229	10,212	10,305
UTILIZATION (%)	*80.9*	*85.4*	*89.9*	*81.2*	*68.6*	*72.3*	*78.7*	*81.5*	*85.8*	*82.4*	*82.6*	*68.7*	*79.9*	*NA*

NA means not available.

GRAPH 1: NONCELLULOSIC FIBER PRODUCTION, CAPACITY & CAPACITY UTILIZATION

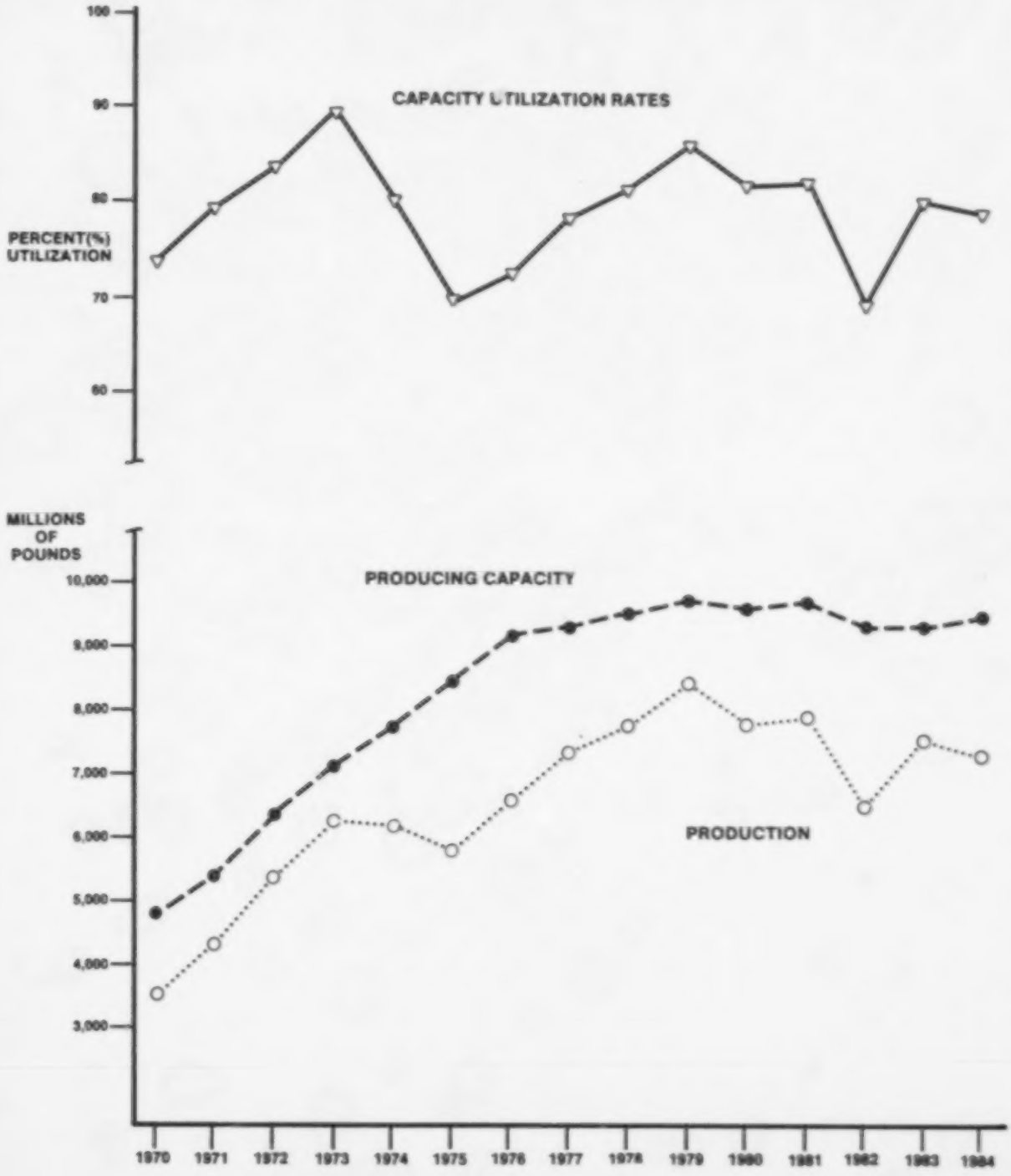


TABLE 3: SUMMARY OF ANNUAL PRODUCTION (1970-1984)

MILLION POUNDS

YEAR	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL CELL.
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1970	268	463	731	607	35	642	1,373
1971	304	449	753	612	26	638	1,391
1972	252	401	653	713	28	741	1,394
1973	198	437	635	697	25	722	1,357
1974	172	362	534	645	20	665	1,199
1975	65	301	366	371	12	383	749
1976	68	287	355	475	11	486	841
1977	71	282	353	527	8	535	888
1978	62	301	363	535	7	542	905
1979	57	317	374	549	7	556	930
1980	47	309	356	443	7	450	806
1981	48	257	305	461	4	465	770
1982	33	195	228	355	1	356	584
1983	26	228	254	375	1	376	630
1984	NA	198	NA	389	NA	NA	NA

YEAR	NONCELLULOSIC FIBERS													TOTAL NON-CELL.	GLASS FIBER
	YARN+MONOFILAMENTS									STAPLE+TOW					
	NYLON+ARAMID[a]				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID[a]	POLY-ESTER	ACRYLIC+ MODACR.	OLEFIN+ VINYON	TOTAL STAPLE	
	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL								
1970				1,138			441	200	1,779	217	1,022	492	92	1,793	3,572	467
1971	DETAIL			1,238	DETAIL		678	282	2,178	357	1,143	545	80	2,105	4,283	468
1972	NOT			1,464	NOT		952	347	2,763	511	1,376	626	70	2,583	5,346	572
1973	AVAILABLE			1,583	AVAILABLE		1,320	424	3,327	592	1,568	742	68	2,970	6,297	688
1974				1,560			1,408	463	3,431	564	1,518	631	68	2,781	6,212	683
1975	348	417	531	1,296	271	1,188	1,459	443	3,198	562	1,536	525	54	2,677	5,875	547
1976	390	429	554	1,373	342	1,063	1,405	516	3,294	703	1,936	621	61	3,321	6,615	676
1977	401	457	654	1,512	360	1,232	1,592	554	3,658	814	2,050	709	81	3,654	7,312	787
1978	438	503	713	1,654	355	1,209	1,564	597	3,815	896	2,236	726	96	3,953	7,768	923
1979	499	528	755	1,782	373	1,342	1,715	639	4,136	939	2,462	761	120	4,282	8,418	1,014
1980	437	466	728	1,631	286	1,176	1,462	632	3,725	727	2,527	779	116	4,149	7,874	867
1981	410	461	710	1,581	309	1,257	1,566	643	3,790	752	2,607	691	142	4,192	7,982	1,041
1982	315	354	573	1,242	292	921	1,213	585	3,040	685	1,955	624	138	3,402	6,442	899
1983	315	415	762	1,492	299	1,060	1,359	716	3,567	926	2,184	671	186	3,967	7,534	1,169
1984	379	394	804	1,577	316	884	1,200	748	3,525	835	2,192	671	250	3,948	7,473	NA

NA means not available.

a. 1983 and 1984 exclude Aramid.

Rayon yarn includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments.

Acetate includes diacetate and triacetate. The acetate staple+tow data do not include poundages of tow for cigarette filtration.

Olefin includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 4: PRODUCTION OF NONCELLULOSIC, CELLULOSIC & GLASS FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER PRODUCTION

MILLION POUNDS & *Percent*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	GLASS FIBER	%	TOTAL MAN-MADE FIBER	%
1970	3,572	*66.0*	1,373	*25.4*	467	*8.6*	5,412	*100.0*
1971	4,283	*69.7*	1,391	*22.7*	468	*7.6*	6,142	*100.0*
1972	5,346	*73.1*	1,394	*19.1*	572	*7.8*	7,312	*100.0*
1973	6,297	*75.5*	1,357	*16.3*	688	*8.2*	8,342	*100.0*
1974	6,212	*76.7*	1,199	*14.8*	683	*8.5*	8,094	*100.0*
1975	5,875	*81.9*	749	*10.5*	547	*7.6*	7,171	*100.0*
1976	6,615	*81.4*	841	*10.3*	676	*8.3*	8,132	*100.0*
1977	7,312	*81.4*	888	*9.9*	787	*8.7*	8,987	*100.0*
1978	7,768	*80.9*	905	*9.5*	923	*9.6*	9,596	*100.0*
1979	8,418	*81.2*	930	*9.0*	1,014	*9.8*	10,362	*100.0*
1980	7,874	*82.5*	806	*8.4*	867	*9.1*	9,547	*100.0*
1981	7,982	*81.5*	770	*7.9*	1,041	*10.6*	9,793	*100.0*
1982	6,442	*81.3*	584	*7.4*	899	*11.3*	7,925	*100.0*
1983	7,534	*80.7*	630	*6.8*	1169	*12.5*	9,333	*100.0*
1984	7,473	*NA*	NA	*NA*	NA	*NA*	NA	*100.0*

TABLE 5: PRODUCING CAPACITY OF NONCELLULOSIC, CELLULOSIC & GLASS FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER CAPACITY

MILLION POUNDS & *Percent*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	GLASS FIBER	%	TOTAL MAN-MADE FIBER	%
1970	4,844	*67.2*	1,713	*23.7*	657	*9.1*	7,214	*100.0*
1971	5,397	*70.0*	1,615	*21.0*	696	*9.0*	7,708	*100.0*
1972	6,376	*74.0*	1,513	*17.6*	721	*8.4*	8,610	*100.0*
1973	7,022	*75.9*	1,493	*16.1*	737	*8.0*	9,252	*100.0*
1974	7,756	*77.9*	1,373	*13.8*	821	*8.3*	9,950	*100.0*
1975	8,420	*79.7*	1,239	*11.7*	909	*8.6*	10,568	*100.0*
1976	9,116	*81.4*	1,193	*10.6*	893	*8.0*	11,202	*100.0*
1977	9,352	*81.9*	1,063	*9.3*	1,002	*8.8*	11,417	*100.0*
1978	9,555	*81.3*	1,086	*9.2*	1,118	*9.5*	11,759	*100.0*
1979	9,784	*80.2*	1,109	*9.1*	1,305	*10.7*	12,198	*100.0*
1980	9,627	*80.2*	909	*7.5*	1,473	*12.3*	12,009	*100.0*
1981	9,696	*79.8*	898	*7.4*	1,561	*12.8*	12,155	*100.0*
1982	9,334	*78.1*	895	*7.5*	1,718	*14.4*	11,947	*100.0*
1983	9,367	*79.2*	845	*7.1*	1,618	*13.7*	11,830	*100.0*
1984	9,460	*78.5*	845	*7.0*	1,743	*14.5*	12,048	*100.0*

TABLE 6: SUMMARY OF PRODUCING CAPACITIES (1970-1984)

MILLION POUNDS

YEAR[a]	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL CELL.
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1970	360	494	854	819	40	859	1,713
1971	337	490	827	757	31	788	1,615
1972	235	486	721	761	31	792	1,513
1973	224	473	697	768	28	796	1,493
1974	172	449	621	724	28	752	1,373
1975	100	384	484	737	18	755	1,239
1976	85	399	484	691	18	709	1,193
1977	85	315	400	655	8	663	1,063
1978	83	330	413	665	8	673	1,086
1979	75	355	430	671	8	679	1,109
1980	63	324	387	514	8	522	909
1981	52	332	384	509	5	514	898
1982	63	318	381	510	4	514	895
1983	63	268	331	510	4	514	845
1984	63	268	331	510	4	514	845

YEAR[a]	NONCELLULOSIC FIBERS															
	YARN+MONOFILAMENTS									STAPLE+TOW					TOTAL NON-CELL.	GLASS FIBER
	NYLON+ARAMID[b]				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID[b]	POLY-ESTER	ACRYLIC+ MODACR	OLEFIN+ VINYON	TOTAL STAPLE		
	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL									
1970	480	589	428	1,477	294	316	610	335	2,422	280	1,370	659	113	2,422	4,844	657
1971	463	522	531	1,516	337	559	896	365	2,777	460	1,355	698	107	2,620	5,397	696
1972	469	559	626	1,654	364	892	1,256	432	3,342	602	1,571	754	107	3,034	6,376	721
1973	466	534	707	1,707	385	1,118	1,503	510	3,720	701	1,709	787	105	3,302	7,022	737
1974	494	552	770	1,816	405	1,351	1,756	600	4,172	757	1,899	824	104	3,584	7,756	821
1975	503	553	786	1,842	391	1,576	1,967	815	4,624	827	2,021	827	121	3,796	8,420	909
1976	519	552	787	1,858	442	1,701	2,143	861	4,862	910	2,355	869	120	4,254	9,116	893
1977	523	558	829	1,910	443	1,698	2,141	907	4,958	939	2,470	869	116	4,394	9,352	1,002
1978	510	565	908	1,983	443	1,643	2,086	915	4,984	1,023	2,554	865	129	4,571	9,555	1,118
1979	513	579	950	2,042	443	1,699	2,142	922	5,106	1,020	2,673	839	146	4,678	9,784	1,305
1980	515	551	910	1,976	400	1,637	2,037	900	4,913	991	2,759	830	134	4,714	9,627	1,473
1981	514	553	893	1,960	316	1,481	1,797	989	4,746	1,010	2,839	835	266	4,950	9,696	1,561
1982	474	513	925	1,912	338	1,265	1,603	1,038	4,553	978	2,700	832	271	4,781	9,334	1,718
1983	440	494	950	1,884	337	1,170	1,507	1,099	4,490	1,017	2,754	826	280	4,877	9,367	1,618
1984	437	470	926	1,833	342	1,162	1,504	1,142	4,479	1,054	2,784	807	336	4,981	9,460	1,743

a. All annual capacity data are as of November of that year.

b. 1983 and 1984 exclude Aramid.

The data do not include the poundages of acetate tow for cigarette filtration.

IND means industrial yarn and monofil, i.e., coarser than 500 denier with an Instron tenacity of 7 grams or more per denier.

CARP means bulked continuous filament yarn for carpets.

TEX means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

Olefin includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles and film fiber used for decorative or tying ribbon, etc. Olefin monofil includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated film.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 7: SUMMARY OF CAPACITY UTILIZATION RATES (1970-1984)

PERCENT (%)

YEAR	CELLULOSIC FIBERS						TOTAL CELL.
	FILAMENT YARN+MONOFIL			STAPLE+TOW			
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1970	74.4	93.7	85.6	74.1	87.5	74.7	80.2
1971	90.2	91.6	91.1	80.8	83.9	81.0	86.1
1972	107.2	82.5	90.6	93.7	90.3	93.6	92.1
1973	88.4	92.4	91.1	90.8	89.3	90.7	90.9
1974	100.0	80.6	86.0	89.1	71.4	88.4	87.3
1975	65.0	78.4	75.6	50.3	66.7	50.7	60.5
1976	80.0	71.9	73.3	68.7	61.1	68.5	70.5
1977	83.5	89.5	88.3	80.5	100.0	80.7	83.5
1978	74.7	91.2	87.9	80.5	87.5	80.5	83.3
1979	76.0	89.3	87.0	81.8	87.5	81.9	83.9
1980	74.6	95.4	92.0	86.2	87.5	86.2	88.7
1981	92.3	77.4	79.4	90.6	80.0	90.5	85.7
1982	52.4	61.3	59.8	69.6	25.0	69.3	65.2
1983	41.3	85.1	76.7	73.5	25.0	73.1	74.5
1984	NA	73.9	NA	76.3	NA	NA	NA

YEAR	NONCELLULOSIC FIBERS														TOTAL NON-CELL.	GLASS FIBER
	YARN+MONOFILAMENTS									STAPLE+TOW						
	NYLON+ARAMID[a]				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID[a]	POLY-ESTER	ACRYLIC+ MODACR.	OLEFIN+ VINYON	TOTAL STAPLE		
	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL									
1970				77.0			72.3	59.7	73.5	77.5	74.6	74.7	54.9	74.0	73.7	71.1
1971	DETAIL			81.7	DETAIL		75.7	71.8	78.4	77.6	84.4	78.1	56.1	80.3	79.4	67.2
1972	NOT			88.5	NOT		75.8	80.3	82.7	84.9	87.6	83.0	65.4	85.1	83.8	79.3
1973	AVAILABLE			92.7	AVAILABLE		87.8	83.1	89.4	84.5	91.7	94.3	64.8	89.9	89.7	93.3
1974				85.9			80.2	77.2	82.2	74.5	79.9	76.6	65.4	77.6	80.1	83.2
1975	69.2	75.4	67.6	70.4	69.3	75.4	74.2	54.4	69.2	68.0	76.0	63.5	44.6	70.5	69.8	60.2
1976	75.1	77.7	70.4	73.9	77.4	62.5	65.6	59.9	67.7	77.3	82.2	71.5	50.8	78.1	72.6	75.7
1977	76.7	81.9	78.9	79.2	81.3	72.6	74.4	61.1	73.8	86.7	83.0	81.6	69.8	83.2	78.2	78.5
1978	85.9	89.0	78.5	83.4	80.1	73.6	75.0	65.2	76.5	87.6	87.5	83.9	73.6	86.5	81.3	82.6
1979	97.3	91.2	79.5	87.3	84.2	79.0	80.1	69.3	81.0	92.1	92.1	90.7	82.2	91.5	86.0	77.7
1980	84.9	84.6	80.0	82.5	71.5	71.8	71.8	70.2	75.8	73.4	91.6	93.9	86.6	88.0	81.8	58.9
1981	79.8	83.4	79.5	80.7	97.8	84.9	87.1	65.0	79.9	74.5	91.8	82.8	53.4	84.7	82.3	66.7
1982	66.4	69.0	61.9	64.9	86.4	72.8	75.7	56.3	66.8	70.0	72.4	75.0	50.9	71.1	69.0	52.3
1983	71.6	84.0	80.2	79.2	88.7	90.6	90.2	65.1	79.4	91.0	79.3	81.2	66.4	81.3	80.4	72.2
1984	86.7	83.8	86.8	86.0	92.4	76.1	79.8	65.5	78.7	79.2	78.7	83.1	74.4	79.3	79.0	NA

NA means not available.

a. 1983 and 1984 exclude Aramid.

All percentages are tabulated using the tables on pages 6 and 8.

IMPORT UPDATE

APPAREL IMPORTS CONTINUE TO RISE

Editor's Note -- This report (pages 11-15) represents the continuing effort on the part of the Textile Economics Bureau to monitor the apparel import situation on a quarterly basis. For this report, three quarters of 1984 are covered. In addition, quarterly data for 1983 and revised annual data for 1981 and 1982 are provided for the first time.

The quarterly tables presented in this report include some estimated data. These estimated data reflect results obtained through extensive examination of primary market information and discussions with various market sources close to the import situation. As with previous import reports in the ***Textile Organon****, the annual and quarterly data are subject to revision as new and more complete information become available.*

GENERAL ANALYSIS

For three quarters of 1984, imports claimed nearly 45% of the U.S. apparel market. Compared to three quarters of 1983-- when imports claimed nearly 35%--the 1984 results are indicative of the U.S. apparel market becoming more import oriented.

As listed in the percent-change table opposite, domestic output in the cotton and man-made fiber sectors of the apparel market has fallen significantly, while imported textiles into these sectors have risen greatly.

When comparing three quarters 1983 to three quarters 1984, domestic production of cotton apparel fabric from U.S. mills has declined 11-1/2%, while imports of cotton yarn, fabric and garments have increased 33-1/3%.

The situation is similar for man-made fiber: domestic shipments of fiber for apparel uses declined nearly 14% while imports of man-made fiber/yarn, fabric and garments have increased nearly 28-1/2%.

As can be seen with graph 2, during the third quarter of 1984, imports claimed nearly 51% of the total apparel market, the highest level on record. This compares to the third quarter 1983 level of 38-1/2%. The import share for the first two quarters of 1984 were, respectively, 41.6% and 41.4% compared to 32.7% and 32.4% for the corresponding quarters of 1983.

THE QUARTER IN REVIEW

COTTON. As has been the case over time, the cotton sector of the U.S. apparel market has absorbed the brunt of imports. For three quarters of 1984, nearly 50% of all apparel imports were primarily cotton. This compares to the man-made fiber and wool levels of 45% and 5%, respectively.

The available supply in the cotton sector rose from the second quarter 589 million pounds to 615 million pounds in the third quarter, a 4-1/2% rise. As illustrated in graph 3, this increase in available supply resulted from greatly increased imports, and is significant, for domestic fabric output declined during the third quarter. For the first time, on a poundage basis, imports of cotton yarn, fabric and garments exceeded domestic production of cotton fabric for apparel.

Although garments in the past have been the driving force behind the increased growth of cotton textile imports, improved cotton fabrics became a more significant component of the import situation in 1984. When comparing three quarters 1983 to three quarters 1984, imported cotton fabrics grew nearly 46%, and amounted to 33% of cotton textile imports, up from 30% for three quarters 1983.

MAN-MADE FIBER. During the third quarter of 1984, the man-made fiber sector absorbed the highest level of imports on record: 332 million pounds. For the second quarter of 1984, these imports totaled 275 million pounds, and for the third quarter of 1983, these imports stood at 265 million pounds.

The import share of the man-made fiber sector stood at nearly 43-1/2% for the third quarter, up from the 34.4% for the second quarter, as compared to the 31.7% level recorded during third quarter 1983.

As with cotton, the man-made fiber sector of the U.S. apparel market has suffered from declining domestic output in the face of increasing imports. In the past, garment imports have been the dominant element in man-made fiber textile imports, but in 1984 imported man-made fiber fabrics became a more signficant factor. As graph 4 depicts, third quarter 1984 domestic shipments fell to 500 million pounds, the lowest domestic shipment level for 1983-1984, while imports grew to 332 million pounds, the highest import level for 1983-1984. Assuming imports will continue to rise and domestic output fall, it is possible that imports, on a poundage basis, will overtake domestic production in the future.

WOOL. Imports claimed a larger portion of the apparel wool sector during the third quarter of 1984 due to declining domestic mill production and rising imports. For third quarter domestic production of woolen apparel fabric stood at 19 million pounds, 34-1/2% below the second quarter level of 29 million pounds.

Imports rose from 29 million pounds in the second quarter to 54 million pounds in the third quarter, an increase of 86%.

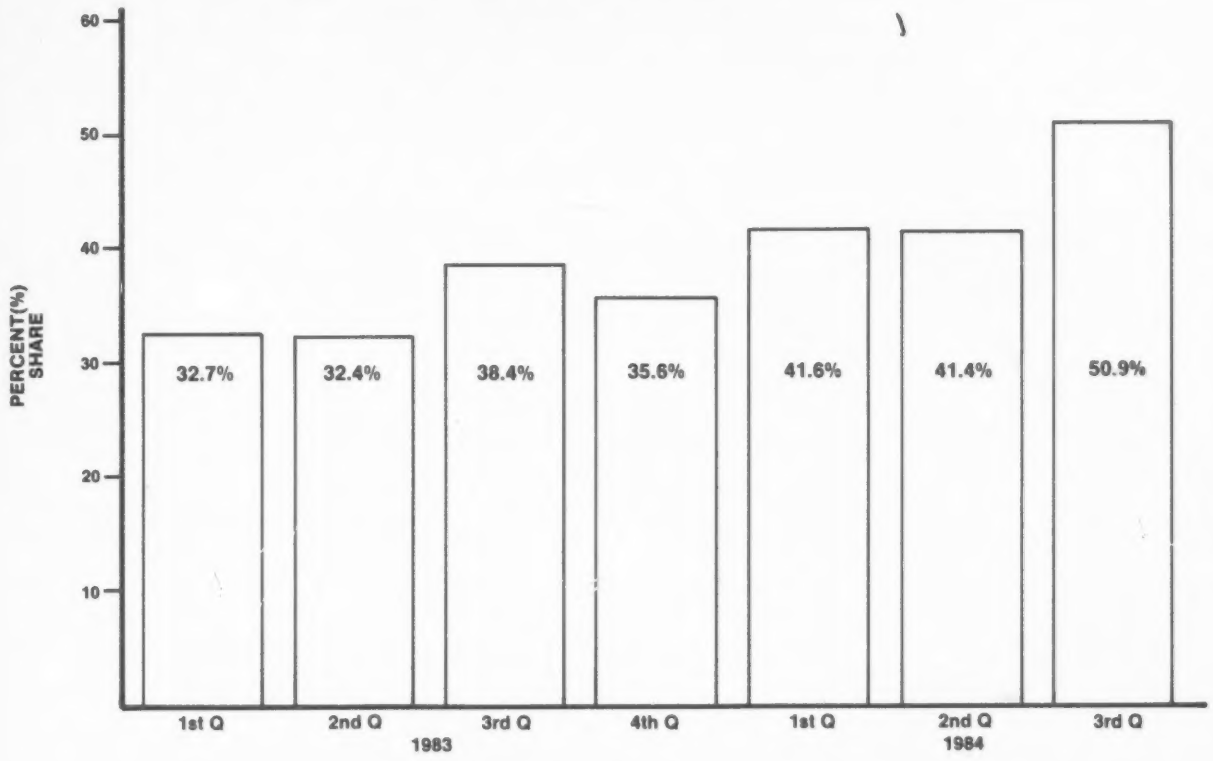
Because of the decline in domestic production by U.S. mills, imports increased market share from 51% in the second quarter to 75% in the third quarter.

ITEM	3 QUARTERS 1983			3 QUARTERS 1984			% CHANGE 1983 to 1984		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON									
IMPORTS OF YARN FOR APPAREL	28	28		46	46		+64.3	+64.3	
+IMPORTS OF FABRIC FOR APPAREL	222	222		324	324		+45.9	+45.9	
+FABRIC FROM U.S. MILLS	1065				942			-11.5	
ORGANON END USE SURVEY-COTTON APPAREL	1315	250		1312	370		-0.2	+48.0	
+IMPORTS OF GARMENTS	482	482		606	606		+25.7	+25.7	
-EXPORTS OF GARMENTS	53			53			--		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1744**	**732**	*42.0*	**1865**	**976**	*52.3*	**+6.9**	**+33.3**	**+10.3**
MAN-MADE FIBERS									
DOMESTIC SHIPMENTS FOR APPAREL	1942			1671			-13.9		
+IMPORTS OF FIBER/YARN FOR APPAREL	161	161		227	227		+41.0	+41.0	
+IMPORTS OF FABRIC FOR APPAREL	91	91		108	108		+18.7	+18.7	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS	140			134			-4.3		
ORGANON END USE SURVEY - MMF APPAREL	2054	252		1872	335		-8.9	+32.9	
+IMPORTS OF GARMENTS	442	442		556	556		+25.8	+25.8	
-EXPORTS OF GARMENTS	52			60			+15.4		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**2444**	**694**	*28.4*	**2368**	**891**	*37.6*	**-3.1**	**+28.4**	**+9.2**
WOOL									
IMPORTS OF YARN FOR APPAREL	6	6		11	11		+83.3		
+IMPORTS OF FABRIC FOR APPAREL	24	24		33	33		+37.5		
+FABRIC FROM U.S. MILLS	83			84			+1.2		
ORGANON END USE SURVEY-WOOL APPAREL	113	30		128	44		+13.3	+46.7	
+IMPORTS OF GARMENTS	45	45		60	60		+33.3	+33.3	
-EXPORTS OF GARMENTS	3			3			--		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**155**	**75**	*48.4*	**185**	**104**	*56.2*	**+19.3**	**+38.7**	**+7.8**
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**4343**	**1501**	*34.6*	**4418**	**1971**	*44.6*	**-1.7**	**+31.3**	**+10.0**

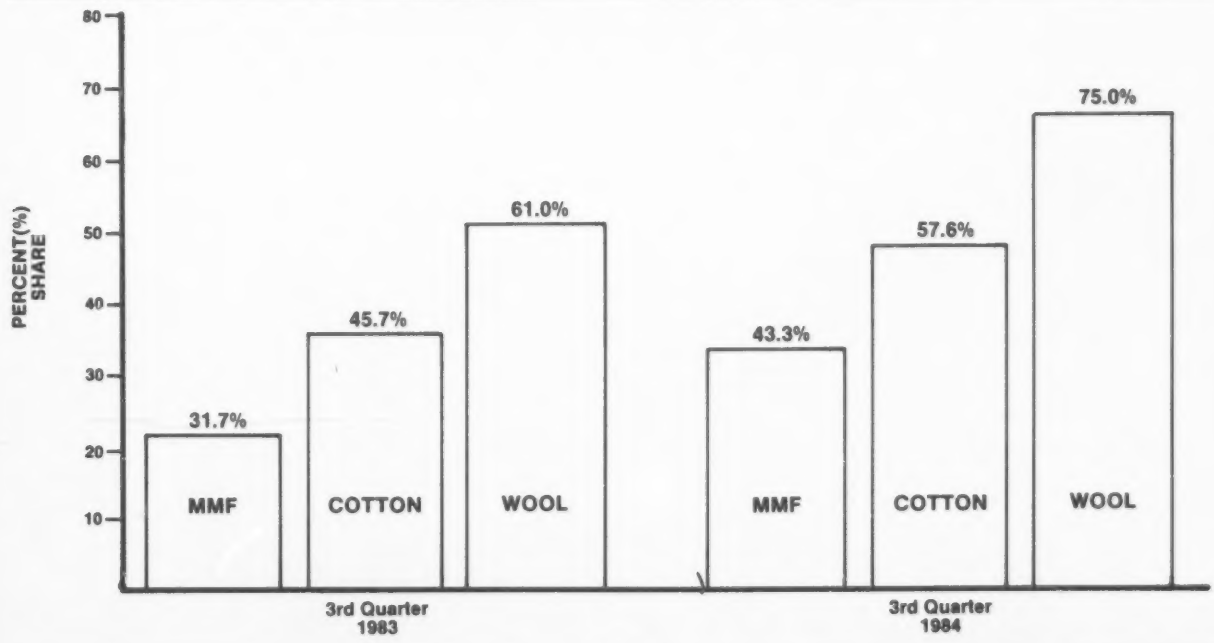
See tables on pages 14 and 15.

GRAPH 2: A COMPARISON: 1983 VERSUS 1984

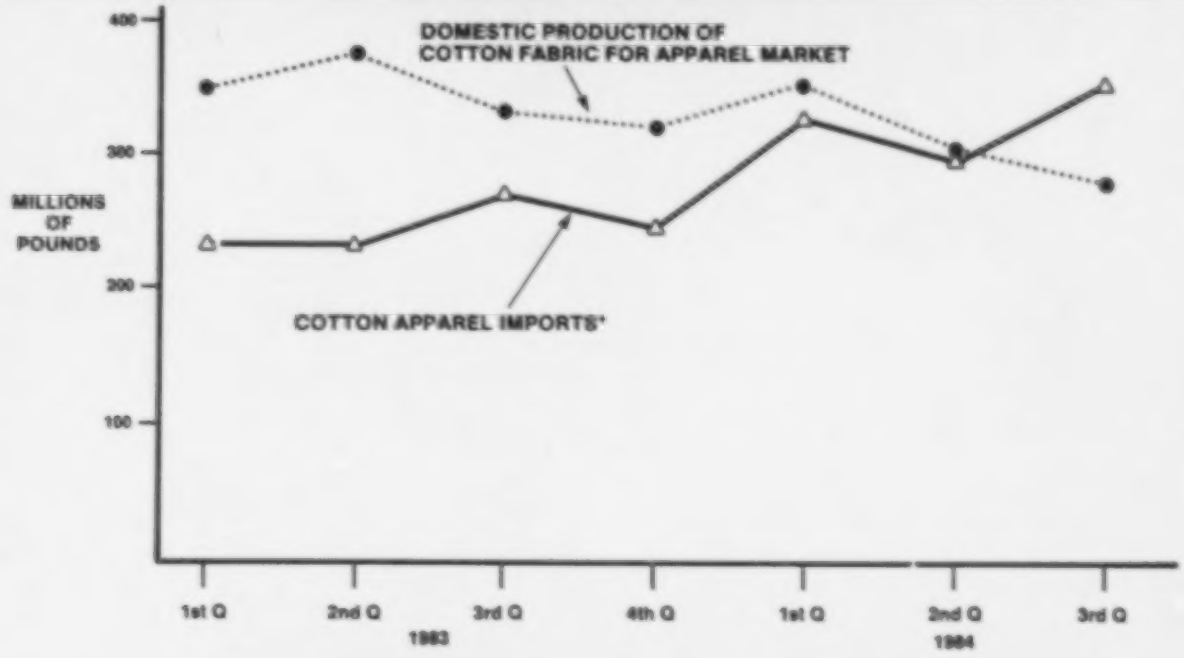
IMPORT SHARE OF THE U.S. APPAREL MARKET



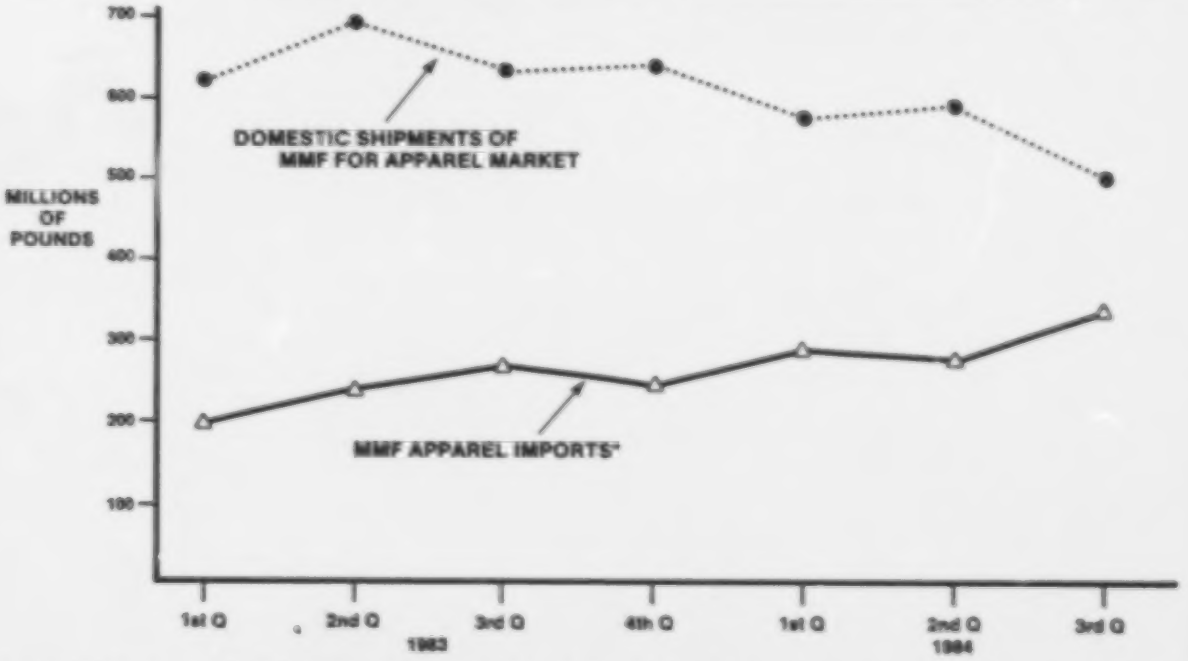
QUARTERLY DETAIL: THREE SECTORS OF THE U.S. APPAREL MARKET



GRAPH 3: COTTON APPAREL IMPORTS* VERSUS DOMESTIC PRODUCTION OF COTTON FABRIC FOR THE U.S. APPAREL MARKET



GRAPH 4: MAN-MADE FIBER APPAREL IMPORTS* VERSUS DOMESTIC SHIPMENTS OF MAN-MADE FIBER FOR THE U.S. APPAREL MARKET



* IMPORTS OF YARN, FABRIC & GARMENTS INTO THE U.S. APPAREL MARKET.

TABLE 8: ESTIMATES OF THE APPAREL MARKET IN THE U.S. AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1980 TOTAL	1980 TOTAL IMP.	1980 % IMP. TOT.	1981 TOTAL	1981 TOTAL IMP.	1981 % IMP. TOT.	1982 TOTAL	1982 TOTAL IMP.	1982 % IMP. TOT.	1983 TOTAL	1983 TOTAL IMP.	1983 % IMP. TOT.	3 QUARTERS 1984 TOTAL	3 QUARTERS 1984 TOTAL IMP.	3 QUARTERS 1984 % IMP. TOT.
COTTON															
IMPORTS OF YARN FOR APPAREL[a]	19	19		24	24		29	29		42	42		46	46	
+IMPORTS OF FABRIC FOR APPAREL[a,b]	168	168		280	280		227	227		312	312		324	324	
+FABRIC FROM U.S. MILLS	1455			1291			1255			1387			942		
ORGANON END USE SURVEY-COTTON APPAREL[c]	1652	187		1595	304		1511	256		1741	364		1312	370	
+IMPORTS OF GARMENTS[a]	464	464		504	504		511	511		623	623		606	606	
-EXPORTS OF GARMENTS[a]	181			123			80			72			53		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1826**	**651**	*33.6*	**1978**	**808**	*40.9*	**1943**	**767**	*39.5*	**2293**	**977**	*42.6*	**1985**	**976**	*52.3*
MAN MADE FIBERS															
DOMESTIC SHIPMENTS FOR APPAREL[d]	3146			2808			2,069			2560			1671		
+IMPORTS OF FIBER/YARN FOR APPAREL[a]	84	84		172	172		149	149		237	237		227	227	
+IMPORTS OF FABRIC FOR APPAREL[a,f]	73	73		90	90		90	90		121	121		108	108	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS[a]	352			319			215			184			134		
ORGANON END USE SURVEY - MMF APPAREL[c]	2951	157		2751	282		2393	239		2754	359		1872	335	
+IMPORTS OF GARMENTS[a]	379	379		437	437		487	487		578	578		556	556	
-EXPORTS OF GARMENTS[a]	127			121			75			71			60		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**3293**	**536**	*16.7*	**3087**	**699**	*22.8*	**2805**	**726**	*25.9*	**3329**	**934**	*28.7*	**2368**	**891**	*37.6*
WOOL															
IMPORTS OF YARN FOR APPAREL[a]	4	4		5	5		8	8		8	8		11	11	
+IMPORTS OF FABRIC FOR APPAREL[a]	21	21		28	28		26	26		28	28		33	33	
+FABRIC FROM U.S. MILLS	100			115			93			117			84		
ORGANON END USE SURVEY-WOOL APPAREL[c]	125	25		148	33		127	34		153	36		128	44	
+IMPORTS OF GARMENTS[a]	42	42		42	42		46	46		59	59		60	60	
-EXPORTS OF GARMENTS[a]	5			5			3			3			3		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**182**	**67**	*41.4*	**185**	**75**	*40.5*	**170**	**80**	*47.1*	**208**	**95**	*45.4*	**185**	**104**	*56.2*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**5300**	**1254**	*23.7*	**5228**	**1582**	*30.3*	**4917**	**1573**	*32.0*	**5790**	**2006**	*34.8*	**4418**	**1971**	*44.6*

NOTE: All data are estimated based on the most current information available at press time, and are subject to revision.

a. See page 39 of the March/April 1984 *Organon*.
b. Total cotton fabric imports less estimated poundages for nonapparel uses.
c. See page 159 of the September 1984 *Organon* as revised. First, second and third quarter data are estimated.
d. Domestic shipments of man-made fibers used in calculating the apparel end uses shown on page 159 of the September 1984 *Organon*.
e. Grand Total man-made fiber imports from page 29 of the February 1984 *Organon* less estimated poundages for nonapparel uses.
f. Total man-made fiber fabric imports from page 39 of the March/April 1984 *Organon* less estimated poundages for nonapparel uses.

TABLE 9: ESTIMATES OF THE APPAREL MARKET IN THE U.S. AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1983 1ST QUARTER TOTAL	1ST QUARTER TOTAL IMP.	1ST QUARTER % IMP. YOY	2ND QUARTER TOTAL	2ND QUARTER TOTAL IMP.	2ND QUARTER % IMP. YOY	3RD QUARTER TOTAL	3RD QUARTER TOTAL IMP.	3RD QUARTER % IMP. YOY	4TH QUARTER TOTAL	4TH QUARTER TOTAL IMP.	4TH QUARTER % IMP. YOY	YEAR TOTAL	YEAR TOTAL IMP.	YEAR % IMP. YOY	1984 1ST QUARTER TOTAL	1ST QUARTER TOTAL IMP.	1ST QUARTER % IMP. YOY	2ND QUARTER TOTAL	2ND QUARTER TOTAL IMP.	2ND QUARTER % IMP. YOY	3RD QUARTER TOTAL	3RD QUARTER TOTAL IMP.	3RD QUARTER % IMP. YOY
COTTON																								
IMPORTS OF YARN FOR APPAREL*	8	8		8	8		12	12		14	14		42	42		19	19		15	15		12	12	
+IMPORTS OF FABRIC FOR APPAREL*†	71	71		70	70		81	81		90	90		312	312		111	111		105	105		109	109	
+FABRIC FROM U.S. MILLS	350			377			338			322			1387			353			312			277		
ORGANON END USE SURVEY-COTTON APPAREL‡	429	79		455	78		431	83		426	104		1741	354		483	130		432	120		397	120	
+IMPORTS OF GARMENTS*	152	152		154	154		176	176		141	141		623	623		197	197		175	175		234	234	
-EXPORTS OF GARMENTS*	18			17			18			19			72			19			18			18		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**583**	**231**	*41.0*	**583**	**232**	*39.8*	**589**	**269**	*45.7*	**548**	**245**	*44.7*	**2382**	**977**	*42.6*	**681**	**337**	*49.5*	**589**	**296**	*50.0*	**615**	**364**	*57.8*
MAN-MADE FIBERS																								
DOMESTIC SHIPMENTS FOR APPAREL*	613			697			632			638			2580			582			589			500		
+IMPORTS OF FIBER/YARN FOR APPAREL*	48	48		58	58		57	57		78	78		237	237		84	84		71	71		72	72	
+IMPORTS OF FABRIC FOR APPAREL*†	28	28		33	33		32	32		30	30		121	121		32	32		38	38		40	40	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS*	47			49			44			44			184			43			45			46		
ORGANON END USE SURVEY - MMF APPAREL‡	638	72		739	91		677	89		700	108		2754	358		655	116		651	107		596	112	
+IMPORTS OF GARMENTS*	123	123		143	143		176	176		134	134		576	576		169	169		169	169		220	220	
-EXPORTS OF GARMENTS*	18			17			17			19			71			20			20			20		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**743**	**195**	*26.2*	**865**	**234**	*27.0*	**836**	**265**	*31.7*	**915**	**340**	*29.4*	**3359**	**934**	*28.7*	**803**	**284**	*35.4*	**799**	**275**	*34.4*	**788**	**338**	*43.3*
WOOL																								
IMPORTS OF YARN FOR APPAREL*	2	2		2	2		2	2		2	2		8	8		2	3		4	4		4	4	
+IMPORTS OF FABRIC FOR APPAREL*	6	6		9	9		9	9		4	4		28	28		8	8		12	12		13	13	
+FABRIC FROM U.S. MILLS	28			29			26			34			117			38			29			19		
ORGANON END USE SURVEY-WOOL APPAREL‡	38	8		40	11		37	11		40	6		153	36		47	11		45	16		36	17	
+IMPORTS OF GARMENTS*	7	7		13	13		25	25		14	14		59	59		10	10		13	13		37	37	
-EXPORTS OF GARMENTS*	+			+			3			+			3			1			1			1		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**63**	**10**	*34.9*	**93**	**24**	*45.3*	**59**	**36**	*61.0*	**94**	**30**	*37.0*	**356**	**95**	*45.4*	**96**	**21**	*37.5*	**97**	**29**	*50.9*	**73**	**56**	*75.0*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**1349**	**441**	*32.7*	**1510**	**490**	*32.4*	**1484**	**570**	*38.4*	**1417**	**585**	*35.6*	**5760**	**2006**	*34.8*	**1520**	**632**	*41.6*	**1485**	**599**	*41.4*	**1483**	**740**	*50.9*

See footnotes on page 14.

ANNUAL SHIPMENT SUMMARY

1984 "cools-off"--

If shipments are any indication, 1984 was not a year for big growth--at least as compared to 1983.

The U.S. man-made fiber industry witnessed a certain "cooling-off" of the business in 1984, as overall shipments fell slightly from 1983 levels.

The "cooling" trends are displayed on the page opposite, but more specifically--

- Acetate Yarn shipments fell over 12% in 1984, as compared to 1983 when shipments rose 13½%.
- Rayon Staple shipments rose nearly 2% in 1984, a positive achievement, but shipments grew by nearly 5% in 1983.
- Noncellulosic Yarn shipments fell over 2% in 1984, while in 1983 shipments rose by 15½%.
- Noncellulosic Staple shipments fell by nearly ½% in 1984, but in 1983 shipments rose 16%.

--But there were big winners

At the top of the list of big winners in 1984: Olefin. Yarn shipments were up 4% in 1984, and were nearly 26% ahead of the 1982 level. Staple+Tow shipments rose 30% in 1984, and were 71½% higher than the 1982 level.

--And big losers

Polyester textile yarn shipments suffered from an oversupplied and import-filled apparel market, while nylon staple shipments fell in 1984, as the carpet market softened in the second half of the year.

TABLE 10: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & Percent

ITEM	1984	1983	%[a]	1982	%[b]	1981	%[c]
YARN-MONOFILAMENTS							
ACETATE	196.3	223.9	-12.3	198.8	-0.2	261.1	-24.0
NYLON[d] - INDUSTRIAL	375.1	319.1	+17.5	324.5	+15.6	402.9	-6.9
- LOW DENIER INDUSTRIAL	34.0	35.5	-4.2	29.5	+15.2	35.1	-3.1
- CARPET	784.9	752.6	+4.3	582.1	+36.5	677.0	+17.4
- TEXTILE	353.0	381.4	-7.4	331.6	+6.4	418.0	-15.5
POLYESTER - INDUSTRIAL	313.1	307.6	+1.8	288.0	+8.7	307.1	+1.9
- LOW DENIER INDUSTRIAL	24.8	28.0	-4.6	22.4	+10.7	27.6	-10.1
- TEXTILE	680.2	1027.1	-16.2	927.1	-7.2	1229.3	-30.0
OLEFIN	743.7	714.2	+4.1	592.3	+25.6	648.1	+14.7
TOTAL NONCELLULOSIC ABOVE	3498.9	3573.8	-2.1	3087.5	+12.9	3745.1	-6.6
STAPLE+TOW-FIBERFILL							
RAYON	384.0	377.6	+1.7	380.2	+6.6	456.7	-15.9
NYLON[d]	831.3	911.2	-8.8	689.9	+20.5	721.5	+15.2
ACRYLIC+MODACRYLIC	666.2	654.7	+1.7	632.2	+5.4	694.5	-4.1
POLYESTER	2192.4	2197.6	-0.2	1941.6	+12.9	2598.8	-15.6
OLEFIN+VINYON	248.7	186.7	+33.2	143.8	+71.5	133.5	+84.8
TOTAL NONCELLULOSIC ABOVE	3936.6	3963.4	-0.4	3407.5	+15.5	4148.3	-5.1

a. Percent change from 1983 to 1984.
b. Percent change from 1982 as compared to 1984 only.
c. Percent change from 1981 as compared to 1984 only.
d. 1983 and 1984 data for Nylon excludes Aramid but Aramid is included for prior years.
Also see footnotes on last page of this issue.

GRAPH 5: ANNUAL SHIPMENT COMPARISON

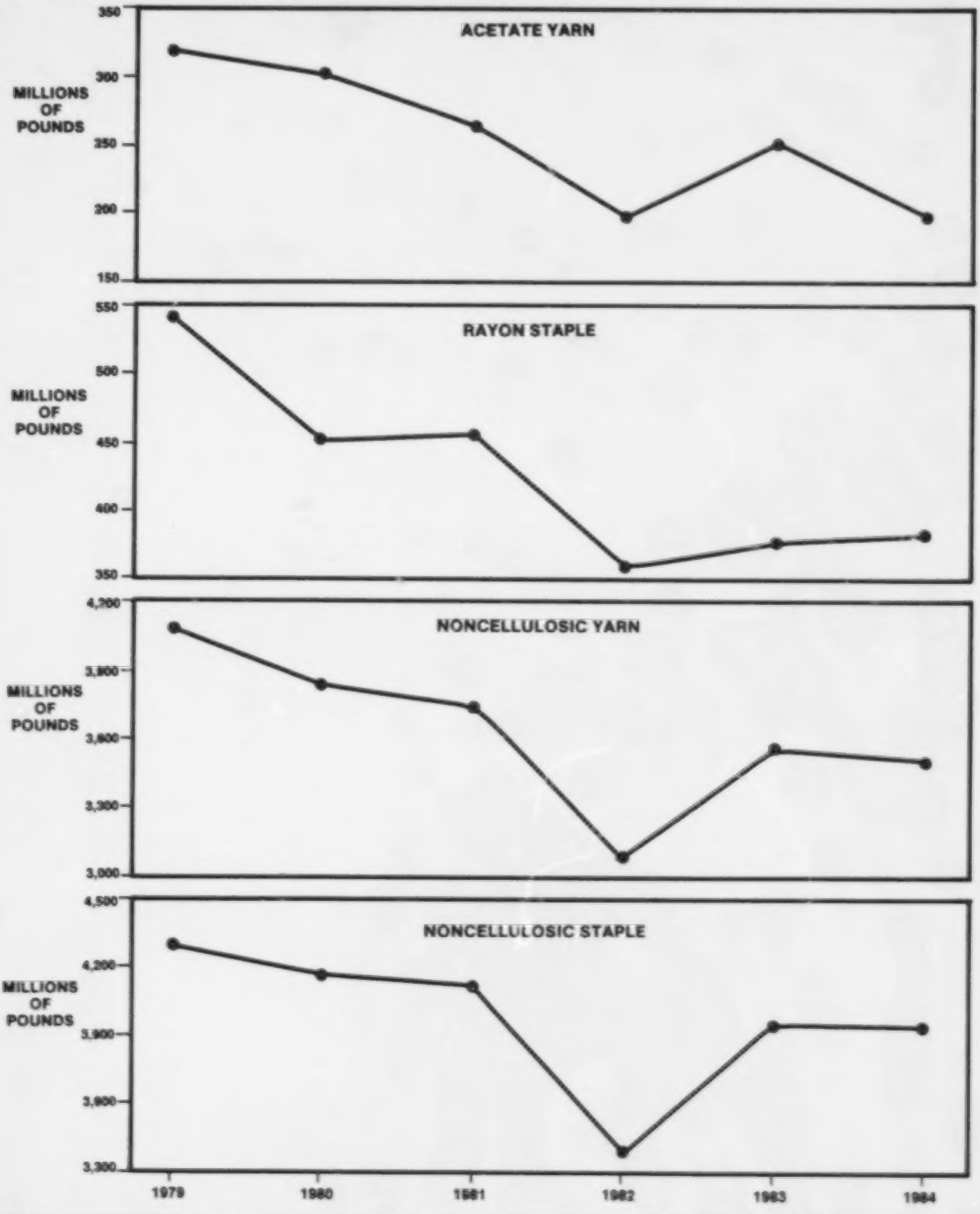


TABLE 11: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984 JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	11 MONTHS 1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6	0	2	84		152	321
CANADA	42	12	327	45	366	250	316	308	246	110	101		2123	1334
MEXICO	163	120	55	41	41	0	40	70	41	41	42		654	1036
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0		0	1330
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457	313	108	115		3821	2182
NETHERLANDS	28	40	40	57	49	24	65	53	99	3	26		484	503
UNITED KINGDOM	0	0	+	0	0	0	0	22	35	0	0		57	560
JAPAN	74	86	62	23	104	+	35	33	83	18	0		518	492
REP. OF KOREA	60	0	40	0	80	0	0	10	+	0	80		270	80
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375	15	0	4		508	131
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**	**452**		**8587**	**7969**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780	842	672	798		7720	5127
AUSTRIA	390	70	219	282	189	94	152	38	196	58	61		1749	1569
FRANCE	16	18	7	2	0	38	0	0	1	0	0		82	91
SWEDEN	164	432	190	92	402	190	1195	0	46	679	143		3533	2684
UNITED KINGDOM	225	81	42	60	136	38	44	61	89	249	362		1387	496
JAPAN	116	47	162	134	121	98	135	96	213	108	29		1259	1574
TAIWAN	0	0	0	0	0	0	0	37	0	0	0		37	133
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	42	1	1	32	0		77	471
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1386**	**1798**	**1393**		**15844**	**12145**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1936	1432	984	1341	1081	1087		16320	7468
MEXICO	1317	1795	1574	1486	1101	1125	961	1074	1200	986	1120		13740	5323
FRANCE	224	222	104	133	125	95	225	303	307	626	559		2923	1682
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851	1303	556	439		14381	5880
ITALY	199	569	390	407	642	559	1049	481	203	1740	1693		7932	2632
NETHERLANDS	54	95	26	17	5	114	76	91	85	4	72		639	246
SPAIN	95	225	2	0	1	+	0	+	0	16	23		362	1428
SWITZERLAND	17	101	71	51	9	12	86	23	42	14	33		459	692
UNITED KINGDOM	531	89	366	204	289	128	1184	293	440	316	440		4280	2790
ISRAEL	111	72	84	43	148	169	348	182	106	172	238		1673	1160
JAPAN	1131	1338	1660	1574	1640	813	1869	1246	965	880	869		13985	10076
REP. OF KOREA	42	55	37	24	13	13	3	102	3	2	0		294	778
TAIWAN	122	+	60	36	109	56	72	37	35	0	2		529	402
SOUTH AFRICA	347	563	112	450	695	85	326	63	132	224	143		3140	1321
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	386	218	253	304	718		2895	517
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9663**	**5948**	**6415**	**6921**	**7436**		**83552**	**42395**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1727	1186	1435	966	534	1073	1640		12853	6925
COSTA RICA	155	354	237	249	114	82	53	357	473	28	72		2174	908
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210	1431	660	1536		16795	11820
BELGIUM	32	61	38	41	40	69	121	0	19	0	0		421	496
FRANCE	483	507	834	512	149	121	346	302	231	704	239		4428	8187
GERMANY, FED. REP. OF	1965	1567	2599	2064	2636	2371	5285	2062	3138	2362	2648		28717	15946
ITALY	1182	791	1234	1519	983	749	2264	552	1009	735	465		11483	8954
NETHERLANDS	88	140	76	63	1	0	140	18	48	34	0		608	994
SWITZERLAND	22	+	113	58	57	2	22	20	59	2	9		364	257
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606	1289	1708	1597		14174	11771
AUSTRALIA	0	24	0	0	0	0	14	0	22	0	0		60	91
ISRAEL	45	28	0	30	30	0	26	2	0	0	0		161	127
JAPAN	1334	926	1361	1092	1430	574	2013	846	1843	1036	1037		13492	12530
REP. OF KOREA	0	40	62	120	40	0	64	4	22	0	108		460	368
TAIWAN	826	471	1576	1265	941	539	1436	1073	1338	543	876		10884	3557
ROMANIA	136	98	299	486	56	0	222	85	136	189	364		2075	621
SOUTH AFRICA	0	213	0	82	0	0	81	48	27	0	0		451	751
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124	22	210	22		1830	742
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11396**	**7759**	**19883**	**8275**	**11841**	**9294**	**10613**		**121430**	**86045**

\+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 361, Italy 35, People's Republic of China, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil +, Federal Republic of Germany 26, Mexico 1, Netherlands 42, Romania 6 and Thailand 1.

c. Australia 173, Austria 324, Belgium 513, Brazil 184, Costa Rica 444, Denmark 92, Finland 1, Hong Kong 7, Iceland +, India 1, Iran 7, Ireland 57, Mali 93, Morocco 1, Norway 154, People's Republic of China +, Portugal 1, Romania 551, Singapore 13, Sweden 216, and Yugoslavia 63.

d. Austria 71, Brazil 1018, Denmark 63, Finland 85, Honduras 75, Hong Kong 2, Ireland 45, Norway 2, Poland 19, Portugal 41, Singapore 28, Spain 37, Sweden 91, and Turkey 255.

TABLE 12: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	11 MONTHS 1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0208	0	0	38	79	184	9	217	802	100	0	71		1500	256
OTHER	310.0130 & .0230*	1138	585	880	359	878	420	814	511	677	281	381		6922	7146
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0	*	0	0		5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21	55	1	*		160	541
SUBTOTAL ABOVE		**1138**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**	**282**	**452**		**8587**	**7969**
STAPLE	309.4320 & .4325	1517	1483	1385	900	1209	1108	1826	900	1175	1718	1233		14434	11359
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113	213	40	160		1410	786
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**	**1758**	**1393**		**15844**	**12145**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**60**	**0**	**40**	**36**	**39**	**60**	**0**	**36**	**61**	**45**		**483**	**277**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0309	1084	1571	1615	2435	2016	1488	1596	781	872	1453	1444		16315	4227
- POLYESTER	310.0110 & .0210	821	1107	634	867	1172	837	1064	617	947	938	1076		10340	1743
- OTHER	310.0114 & .0214	651	804	649	613	837	746	791	798	848	543	908		7988	7276
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	3983	2129	2041	2936	3028		28279	12806
- POLYESTER	310.0150 & .0250	1328	1058	1618	1504	1707	1287	2005	981	1200	617	752		14661	11777
- OTHER	310.0170 & .0270*	202	274	310	281	247	166	192	261	112	125	111		2281	2484
MONOFILAMENTS	309.0300 & .0330*	383	325	282	336	243	132	175	291	321	157	103		2748	1573
STRIPS, OVER $1/LB	309.2100 & .2900*	80	102	90	101	62	122	87	90	74	122	110		1040	529
SUBTOTAL ABOVE		**6691**	**7523**	**8316**	**8236**	**9213**	**6732**	**9853**	**5948**	**6415**	**6921**	**7436**		**83033**	**42386**
STAPLE - NYLON	309.4338	2921	2034	2936	3685	2450	1698	7722	1527	2825	3642	3802		35022	23954
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523	1583	1125	1845		21514	14800
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947	1530	745	954		12673	12544
- OLEFIN	309.4346	325	76	474	173	184	55	218	130	38	138	170		1981	1142
- OTHER	309.4355	1109	949	1827	1551	1219	988	1867	1281	1874	812	1284		14551	8010
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1804	2787	1509	2033	1495	1831	1802	2529	1677	1852		21190	19152
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	444	730	640	380	578		6673	1835
ACRYLIC	309.3050 & .3150	646	538	979	355	763	312	798	443	509	716	277		6335	6187
OTHER	309.3085 & .3185	115	147	123	195	148	185	243	112	113	39	71		1491	621
SUBTOTAL ABOVE		**11010**	**9787**	**13389**	**11172**	**11399**	**7739**	**18660**	**8275**	**11841**	**9284**	**10913**		**121436**	**88645**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2390	4767	2062	1613	1585	1218	7325	1835	2868	1572	1503		28548	25386
- POLYESTER	309.6630	634	810	621	775	459	341	1318	792	478	849	546		7623	12839
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0	0	0	*		39	304
- OTHER	309.6660	139	213	452	285	308	214	690	285	669	286	279		3779	2887
NOILS & GARNETTED FIBERS	309.6000 & .7000*	57	62	12	0	15	74	23	27	32	0	0		302	232
OTHER WASTE, ADVANCED	309.7525 - .7555	161	981	259	941	343	403	584	655	627	850	628		6432	1720
SUBTOTAL ABOVE		**3418**	**6834**	**3408**	**3604**	**2710**	**2350**	**9940**	**3874**	**4473**	**3557**	**2957**		**46723**	**43169**
TOTAL MAN-MADE ABOVE		**24889**	**26655**	**27316**	**24481**	**25847**	**18370**	**39551**	**20144**	**24785**	**21923**	**22996**		**276819**	**193999**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	*	0	0	0	0	0	0	0	1	0		1	1
- NONCELLULOSIC	310.1015[d] & .1109*	1108	1204	1068	988	610	791	957	1317	1443	822	1042		11330	7440
OTHER - CELLULOSIC	310.1030 & .1135[f]	2	12	6	0	14	18	56	5	19	7	14		163	89
- NONCELLULOSIC	310.1050 & .1070[g]	146	84	162	183	517	305	304	171	255	193	129		2449	2027
SPUN YARN - CELLULOSIC	310.4005 & .4030*	104	52	138	91	185	227	173	91	208	119	0		1387	992
- OTHER	310.4015 & .4027*	2641	3042	3050	2639	3069	3077	4580	3111	4279	1508	1490		32486	29069
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8080	1107	844	890	288	626	241	1022	340	788	259	497		6882	2877
HANDICRAFT YARNS & SEWING THREAD	310.9000 - .9140	410	419	657	401	477	203	501	421	647	361	318		4855	2497
SLIVER, TOPS & ROVING	309.9000	569	755	607	639	381	74	382	256	369	117	159		4310	4640
TEXTILE GLASS FIBER	309.2900 & .2900[i]	2128	2900	2813	1725	2452	1499	1857	2058	1275	1951	1496		22144	17551
GRAND TOTAL ABOVE		**32904**	**36807**	**36709**	**31383**	**34179**	**24805**	**49363**	**27914**	**34068**	**27381**	**29031**		**363926**	**261182**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0530, .0630, .0640 & .0685.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also include, 309.9800 & .9900.

TABLE 13: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1984	1983
TOTAL SHIPMENTS[b]														
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**	**13.6**	**12.2**	**198.3**	**225.8**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4	33.1	31.0	375.1	318.1
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8	2.9	2.2	34.0	35.5
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7	63.5	62.6	794.9	762.6
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2	28.7	30.2	24.1	353.0	381.4
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4	25.0	22.4	313.1	307.6
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9	1.5	3.3	24.8	26.0
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6	76.3	69.4	860.2	1027.1
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	59.3	56.6	65.0	73.3	74.0	743.7	714.2
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**287.2**	**288.2**	**307.5**	**305.8**	**289.0**	**3498.8**	**3572.5**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**	**30.9**	**25.7**	**384.0**	**377.4**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4	73.4	66.3	74.4	65.7	61.7	831.3	911.2
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3	49.4	50.5	666.2	654.7
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7	191.6	182.7	2192.4	2197.8
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	22.2	21.5	20.7	246.7	189.7
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**332.6**	**328.2**	**315.6**	**3936.6**	**3953.4**
END-OF-MONTH STOCK														
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**	**13.1**	**12.4**	**12.4**	**12.5**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0	27.5	27.4	27.4	23.8
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9	4.6	5.9	5.9	4.0
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7	72.5	63.0	63.0	54.0
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3	44.8	44.4	44.4	39.0
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5	18.8	22.1	22.1	18.7
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4	4.7	2.8	2.8	3.2
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9	78.4	74.6	74.6	75.7
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4	60.0	60.8	60.8	56.5
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**	**311.3**	**301.0**	**301.0**	**274.9**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**	**30.4**	**28.5**	**28.5**	**23.3**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3	77.2	78.6	78.6	75.1
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8	75.9	77.9	77.9	72.8
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5	197.7	173.5	173.5	174.1
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3	20.4	23.3	23.2	20.0
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.6**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**	**371.2**	**353.2**	**353.2**	**342.0**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	13.0	11.8	10.8			132.2	125.5
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7	0.6	1.1			8.7	9.2
TOTAL RAW WOOL	14.2	16.0	15.9	15.3	15.7	14.6	10.9	13.7	12.4	11.9			140.9	134.7
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.9			2282.5	2347.1

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.